

SUBSURFACE EXPLORATION SYMBOLS

DP 1110
AF
1 MAR

BORINGS:

CORE OR SPLITSPOON HOLE

PROPOSED

COMPLETED



ANGLE CORE HOLE



AUGER BORING-FOUNDATION OR BORROW EXPLORATION



CALYX-LARGE DIAMETER CORE HOLE



EXCAVATIONS:

TRENCH



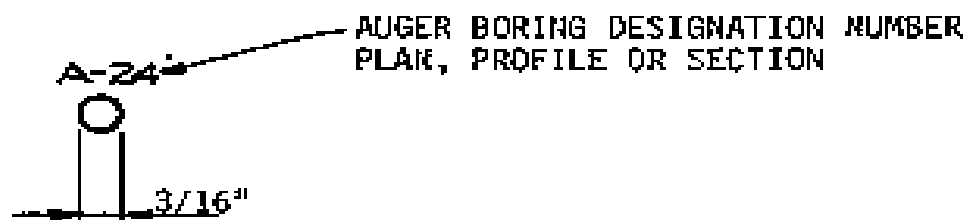
TEST PIT-FOUNDATION EXPLORATION



TEST PIT-BORROW EXPLORATION



CONVENTION:



SOIL CLASSIFICATION

GRAPHIC LOG SYMBOLS

DP 111D-1-1
APPA
1 MAR 97




GROUP SYMBOL	SYMBOL	TYPICAL NAMES
GW		WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
GP		POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
GM		SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES.
GC		CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES.
SW		WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
SP		POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
SM		SILTY SANDS, SAND-SILT MIXTURES.
SC		CLAYEY SANDS, SAND-CLAY MIXTURES.
ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY.
CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS.
OL		ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY.
MH		INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS.
CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS.
OH		ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS.
PT		PEAT AND OTHER HIGHLY ORGANIC SOILS.

ROCK CLASSIFICATION

GRAPHIC LOG SYMBOLS

DP 1110-1-1
APP A
1 MAR 97

GROUP	SYMBOL	CLASSIFICATION	GROUP	SYMBOL	CLASSIFICATION
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SEDIMENTARY ROCKS		<p>SANDSTONE</p> <p>CONGLOMERATE</p> <p>COAL</p> <p>COMPACTION SHALE</p> <p>CEMENTED SHALE</p> <p>INDURATED CLAY</p> <p>LIMESTONE</p> <p>CHALK (OR MARL)</p>	IGNEOUS ROCKS		<p>GRANITE</p> <p>DIORITE</p> <p>GABBRO</p> <p>RHYOLITE</p> <p>ANDESITE</p> <p>BASALT (TRAP)</p> <p>TUFF OR TUFF BRECCIA</p> <p>AGGLOMERATE OR FLOW BRECCIA</p>
METAMORPHIC ROCKS		<p>GNEISS</p> <p>SCHIST</p> <p>GRAYWACKE</p> <p>QUARTZITE</p> <p>DOLOMITE</p> <p>MARBLE</p> <p>SOAPSTONE AND SERPENTINE</p> <p>SLATE</p> <p>PHYLLITE</p>	<p>NOTE:</p> <p>MODIFICATION OF THESE ROCK TYPES CAN BE SHOWN BY A COMBINATION OF SYMBOLS.</p>		